

# Soil Data Viewer

## Soil Data in Spatial Context

### Description / Uses

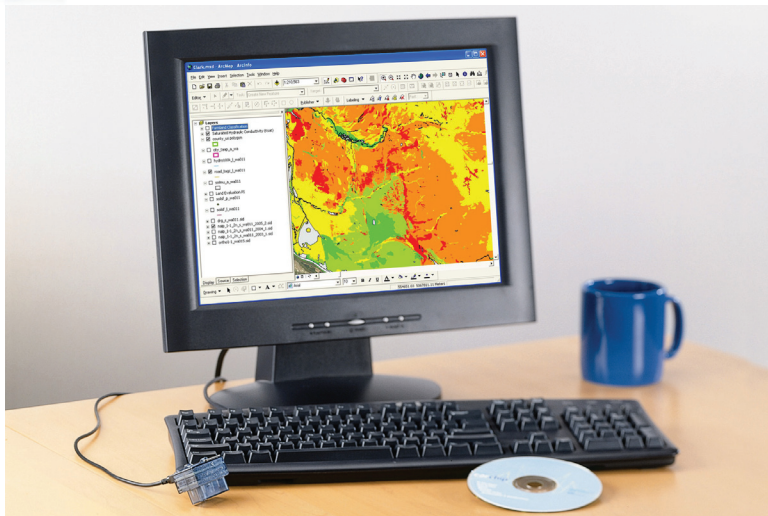
Users of soil survey data and information now have an easy-to-use tool to aid in the effective utilization of soil data in spatial context. Soil Data Viewer is used by NRCS soil scientists, conservationists, and resource specialists; Technical Service Providers; consultants; engineering firms; and local units of government to create soil interpretative maps in ESRI ArcGIS®. The soil interpretative maps created with Soil Data Viewer can be integrated with other spatial resource data layers in ArcGIS® to aid in resource and environmental assessments, conservation planning, and community and regional planning.

### Features

- Built as an extension to ArcGIS® 8.3, 9.0, and 9.1
- Insulates users from the complexity of the database
- Ability to create spatial soil interpretative maps with an easy-to-use interface
- Ability to create physical and chemical thematic maps for various soil depths

### How It Works

Soil Data Viewer links from the “Shapefile” format soil survey map in ArcMap® to the soil survey attribute data loaded into a Microsoft Access® database. When a soil property or interpretation is selected, Soil Data



Viewer queries and extracts the soil attribute data from the database; processes and aggregates the results based on the user-selected method; and joins the processed results with the soil layer in ArcMap®. The newly created soil thematic map is added with a pre-defined legend and symbology.

### Getting Soil Data Viewer

While other GIS software exists, Soil Data Viewer has been built to work with only ArcGIS® 8.3, 9.0, and 9.1. Download Soil Data Viewer at: <http://soildataviewer.nrcs.usda.gov>.

### For More Information

Please contact NRCS at your local USDA Service Center, listed in phone directories under U.S. Government; or visit: <http://www.nrcs.usda.gov>.

Additional soil information and technical resources are available at: <http://soils.usda.gov>.



USDA is an equal  
opportunity provider  
and employer.